



COPY OF PAPERS
ORIGINALLY FILED

28/28

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul G. Farrar et al.

Title: PATENTED CONDUCTORS

Docket No.: 303.367US2

Filed: August 15, 2001

Examiner: Ha Nguyen

Serial No.: 09/930,521

Due Date: May 27, 2002

Group Art Unit: 2812

RECEIVED
JUN 19 2002
TECHNOLOGY CENTER 28000

Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Amendment and Response (8 Pages).
- ☒ Please charge Deposit Account Number 09-0743 in the amount of \$144.00 to cover the fee for additional claims as calculated below.
- ☒ Clean Version of Pending Claims (6 pgs.).
- ☒ Red-Line Drawing of Figure 1(b) (1 pg.).

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	32	-	24	8	x 18 =	\$144.00
INDEPENDENT CLAIMS	3	-	3		x 84 =	\$0.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$0.00
TOTAL						\$144.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:
Atty: Timothy B. Clise
Reg. No. 40,937

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 28th day of May, 2002.

Name

Signature

Customer Number 21186

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)
(GENERAL)



COPY OF PAPERS
ORIGINALLY FILED

S/09/930,521

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul A. Farrar et al.
Serial No.: 09/930,521
Filed: August 15, 2001
Title: BURIED CONDUCTORS

Examiner: Ha Nguyen
Group Art Unit: 2812
Docket: 303.367US2

RECEIVED
JUN 19 2002
TECHNOLOGY CENTER 2800

#7/B
Amend
Bell
6-29-02

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Commissioner for Patents
Washington, D.C. 20231

This paper is in response to the Office Action mailed on February 27, 2002. Please amend the above-identified patent application as follows.

IN THE DRAWINGS

Applicant proposes an amendment of a reference number in Fig. 1(b). Specifically, applicant proposes to change the left most reference number 114 to 112 as indicated on the attached copy of Fig. 1(b) in red ink. Support for the proposed drawing amendment is found at specification page 5, lines 23, 24 and 36. Approval of the proposed drawing amendment is respectfully requested. Applicant will submit corrected formal drawings after approval of the drawing amendment.

IN THE CLAIMS

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 18, 21, 24, 27, 29, 31, 33, 34, and 37-39, and addition of new claims 42-49. The specific amendments to individual claims are detailed in the following marked up set of claims.

- 18.(Amended) A method comprising:
- [a)] forming at least one first trench within a semiconductor substrate at a first depth;
 - [b)] depositing a first conductive material substantially at the bottom of each first trench;
 - [c)] forming at least one second trench within the semiconductor substrate at a second depth shallower than the first depth; [and,]

09930521
130743
60000018
14.00 CH
FC:103